## Document X

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## I. SECTION TITLE HERE

Problem x.yz. Problem statement goes here.

Solution. Treat equations as part of complete sentences. For example, the Schrödinger equation can be written in the position representation as

$$i\hbar\partial_t\psi(x,t) = \hat{H}\psi(x,t)$$

$$= -\frac{\hbar^2}{2m}\nabla^2\psi(x,t) + V(x)\psi(x,t).$$
(1)

## A. Subsection Title Here

Figures can be included easily.



FIG. 1. The figure caption goes here.

This text should be below the figure unless LaTeX decides that a different layout works better.